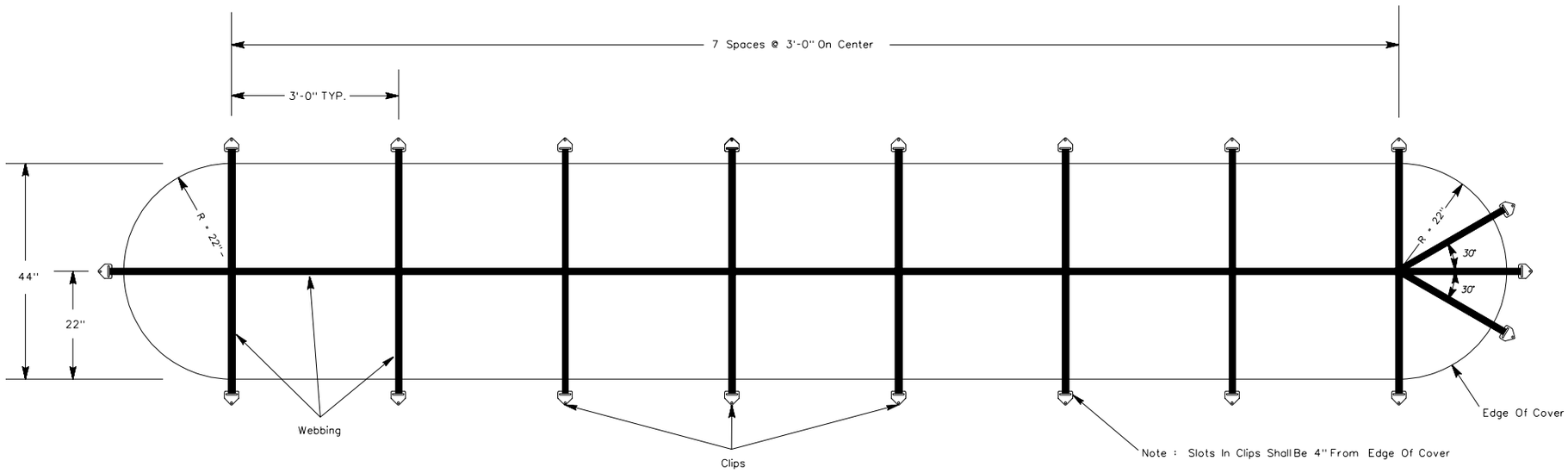
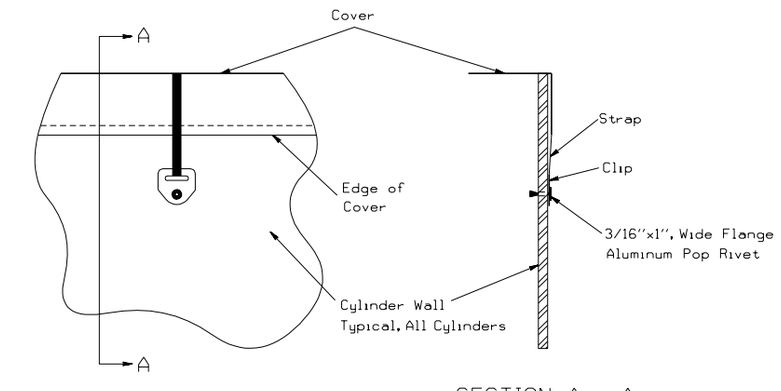
F.H.W.A. REGION NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONNECTICUT							



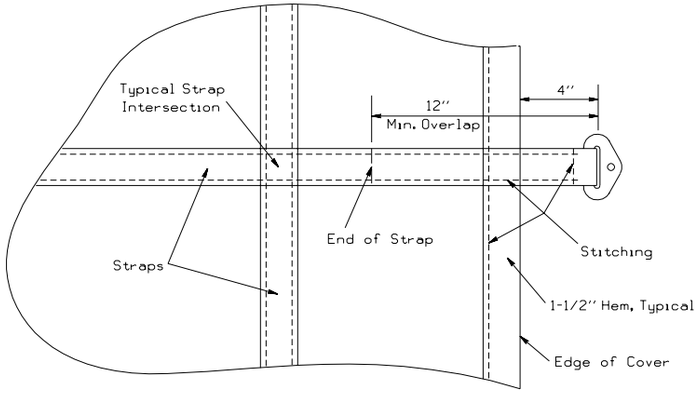


SECTION A - A

Note: Rivet Holes shall be placed such that the Cover is taut throughout the NCIAS.

NOTE: THE THREE REAR-MOST COVER CLIPS SHALL BE BOLTED (NOT RIVETED) TO CYLINDER 8 USING 5/16"X1" ALUMINUM BOLTS, NUTS, AND WASHERS. ALL OTHER CLIPS SHALL BE RIVETED TO THE CYLINDER WALLS AS SHOWN.

COVER ATTACHMENT TO CYLINDERS



TYPICAL COVER SECTION

NCIAS COVER FABRICATION SPECIFICATIONS

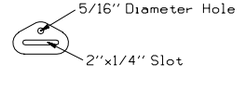
Fabric - The NCIAS Cover shall be fabricated from Vinyl-Coated Polyester Fabric conforming to the following minimum requirements: Base Fabric Weight=6.0 oz/sy; Total Fabric Weight=22.0 oz/sy; Tongue Tear (Method 5134)=150 lb; Grab Tensile (Method 5100)=500/400 lb; Strip Tensile (Method 5102)=400/300 lb/in.; Hydrostatic Resistance (Method 5512)=500 psi; Color-Black. A sample of the proposed fabric shall be submitted for approval prior to its use for the NCIAS Cover.

Straps - The NCIAS Cover Straps shall be placed and sewn to the Cover Fabric in the configuration shown. The Straps shall be fabricated from 2"-wide Black Seat-belt material, with a minimum total tensile strength of 5000 lb. Strap location dimensions shown are to the Strap Centerlines.

Thread - The Straps shall be securely fastened to the Cover Fabric with black or natural color, size EE Nylon thread.

Stitching - Stitching shall be full length of all Straps and in conformance with the configuration shown below. Vertical stitching shall be used throughout the NCIAS Cover with a size of 6 per inch. All loose thread ends shall be securely tied to prevent raveling.

Clips - Chrome-plated steel clips comforming to the configuration shown below shall be fastened to the free end of each Strap. Each Clip shall have a 2" slot and 5/16" hole as shown.



STANDARD SHEET

CONNECTICUT DEPARTMENT OF TRANSPORTATION

NARROW CONNECTICUT IMPACT ATTENUATION SYSTEM COVER DETAILS

REVISIONS		
NO.	DATE	DESCRIPTION
1	4/91	Fabric Weight.

Designed by: John F. Carney III Date: 2/90
Drafted by: Michael E. Ryan Date: 2/90
Checked by: Eric C. Lohrey Date: 3/90
Approval Rec: Date:
Approved: Date:
F.H.W.A. Approval: Date:

Scale: NOT TO SCALE

STANDARD NUMBER

1804-B5